Application No.: 10/598,223 Amendment dated May 5, 2010

Reply to Office Action of January 5, 2010

Amendments to the Claims

The following claim listing reflects the status of the claims pending in this application.

1-34. *(Canceled)*

35. (*Currently amended*) A surgical device for repairing cartilage tissue at a defect site in a patient, said surgical device comprising:

a biocompatible anchor shaped to sit within tissue at the defect site and retain a section of cartilage replacement material in the defect site;

a biocompatible flexible member traversing through said section of cartilage replacement material multiple times, a distal end of said flexible member configured to attach mechanically locked to said section of cartilage replacement material at an attachment point and thread-a proximal end of said flexible member threaded through said anchor at least twice to form at least two pulley mechanisms; and

a sliding device about said flexible member, wherein, when in use, the at least two pulley mechanisms are actuated to translate the sliding device distally along said flexible member to a position proximate said section of cartilage replacement material to locate and retain said section of cartilage replacement material in the defect site.

36. (*Currently amended*) The device of Claim 35, wherein said flexible member comprises a first end and a second end, wherein the first <u>distal</u> end is positioned at said attachment point and the second <u>proximal</u> end comprising the sliding device positioned around a <u>proximal</u>-portion of said flexible member.

37. (Canceled)

38. (*Previously Presented*) The device of Claim 35, wherein said sliding device comprises a slipknot fashioned about said flexible member which, when tensioned about said flexible member, retains said section of cartilage replacement material in the defect site.

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- 39. *(Previously presented)* The device of Claim 35, wherein said section of cartilage replacement material is formed at least in part of a material selected from the group consisting of non-woven materials and foam materials.
- 40. (*Previously Presented*) The device of Claim 35, wherein said section of cartilage replacement material is formed at least in part of a synthetic polymer selected from the group consisting of polyesters and co-polymers of polyesters.
- 41. *(Previously presented)* The device of Claim 35, wherein said section of cartilage replacement material is a scaffold derived from at least one biological material selected from the group consisting of proteins, saccharides, and collagenous tissue.
- 42. *(Previously presented)* The device of Claim 35, wherein said flexible member is a braided suture.
- 43. (*Previously Presented*) The device of Claim 35, wherein said sliding device comprises a stopping member, said stopping member being engageable with said section of cartilage replacement material.
 - 44. (Canceled)
- 45. *(Previously presented)* The device of Claim 43, wherein said stopping member is a slipknot.
- 46. *(Previously presented)* A surgical device for implanting a section of cartilage replacement material in a defect site in a patient, said surgical device comprising:

at least one biocompatible anchor shaped to sit within tissue at the defect site to retain said section in the defect site; and

a biocompatible flexible member having first and second ends, said first end of said flexible member being attachable mechanically locked to the section of cartilage replacement material at an attachment point, said second end of said flexible member being threaded through said anchor at least twice to form at least two pulley mechanisms, and said second end is looped around a proximal portion of said flexible member to form a stopping device around the

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proximal portion, wherein distal movement of the stopping device along the proximal portion of said flexible member facilitates positioning of the section of cartilage replacement material within the defect site.

- 47. *(Previously presented)* The device of Claim 46, wherein said stopping device is engageable with a proximal surface of the section of cartilage replacement material.
 - 48. (Canceled)
- 49. (*Previously presented*) The device of Claim 47, wherein said stopping device is a slipknot.
 - 50. (Canceled)
- 51. (*Previously Presented*) The device of Claim 40, wherein the polyesters and copolymers of polyesters are at least one of poly-L-Iactic acid (PLLA), poly-D-Iactic acid (D-PLA), polyglycolic acid (PGA), polydioxinone (PDO), polycaprolactone (PCL), polyvinyl alcohol (PVA), polyethylene oxide (PEO), and poly(etheylene terephthalate).
- 52. (*Previously presented*) The device of Claim 41, wherein the proteins are at least one of tyrosine and polysaccharides.
- 53. (*Previously presented*) The device of Claim 41, wherein the saccharides are at least one of chitosan and hyaluronic acid.
- 54. (*Previously Presented*) The device of Claim 35, wherein the at least two pulley mechanisms comprise a proximal looped end and two distal loops with the proximal looped end positioned through the sliding device, and wherein, upon tensioning of the proximal looped end, the two distal loops corresponding slide thorough the anchor to facilitate decreasing the distance between said attachment point and said anchor thereby positioning said section of cartilage replacement material in the defect site.
- 55. (*Previously presented*) The device of claim 35, wherein the section of cartilage replacement material comprises a scaffold, the scaffold being fabricated from a biocompatible material for facilitating at least one of chondral and osteochondral integration.

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- 56. (*Previously Presented*) The device of Claim 35, wherein the device further comprises the section of cartilage replacement material.
- 57. (*Previously Presented*) The device of Claim 35, wherein the sliding device comprises a lockable sliding device.
- 58. (*New*) The device of Claim 35, wherein mechanically locked comprises at least one of tied, integrally molded, and glued.
- 59. (*New*) The device of Claim 35, wherein mechanically locked comprises attached to a base attached to the section of cartilage replacement material.
- 60. (*New*) The device of Claim 46, wherein mechanically locked comprises at least one of tied, integrally molded, and glued.
- 61. (*New*) The device of Claim 46, wherein mechanically locked comprises attached to a base attached to the section of cartilage replacement material.